

Table 1.9 Net Generation of Electricity in the U.S. by Energy Source, 1949-2005
 (Includes Electric Utilities; Independent Power Producers; and Combined Heat and Power for Commercial, Industrial and Electric Sectors)

Thousands Gigawatthours

Year	Coal	Petro- leum	Natural Gas	Other Gases ¹	Nuclear Electric Power	Hydro- electric Power ²	Wood ³	Waste ⁴	Geo- thermal	Solar	Wind	Other ⁵	Total Fossil Fuel	Total Renewable Energy	Total Renewable (excluding hydro.)	Total	Percent Fossil Fuel	Percent Nuclear Power	Percent Renewable	Percent Renewable (excluding hydro.)
1949	135.5	28.5	37.0	na	0.0	94.8	0.4	na	na	na	na	na	201.0	95.2	0.4	296.1	67.9%	0.0%	32.1%	0.1%
1950	154.5	33.7	44.6	na	0.0	100.9	0.4	na	na	na	na	na	232.8	101.3	0.4	334.1	69.7%	0.0%	30.3%	0.1%
1951	185.2	28.7	56.6	na	0.0	104.4	0.4	na	na	na	na	na	270.5	104.8	0.4	375.3	72.1%	0.0%	27.9%	0.1%
1952	195.4	29.7	68.5	na	0.0	109.7	0.5	na	na	na	na	na	293.6	110.2	0.5	403.8	72.7%	0.0%	27.3%	0.1%
1953	218.8	38.4	79.8	na	0.0	109.6	0.4	na	na	na	na	na	337.0	110.0	0.4	447.0	75.4%	0.0%	24.6%	0.1%
1954	239.1	31.5	93.7	na	0.0	111.6	0.3	na	na	na	na	na	364.4	111.9	0.3	476.3	76.5%	0.0%	23.5%	0.1%
1955	301.4	37.1	95.3	na	0.0	116.2	0.3	na	na	na	na	na	433.8	116.5	0.3	550.3	78.8%	0.0%	21.2%	0.1%
1956	338.5	35.9	104.0	na	0.0	125.2	0.2	na	na	na	na	na	478.5	125.4	0.2	603.9	79.2%	0.0%	20.8%	0.0%
1957	346.4	40.5	114.2	na	0.0	133.4	0.2	na	na	na	na	na	501.1	133.5	0.2	634.6	79.0%	0.0%	21.0%	0.0%
1958	344.4	40.4	119.8	na	0.2	143.6	0.2	na	na	na	na	na	504.5	143.8	0.2	648.5	77.8%	0.0%	22.2%	0.0%
1959	378.4	46.8	146.6	na	0.2	141.2	0.2	na	na	na	na	na	571.9	141.3	0.2	713.4	80.2%	0.0%	19.8%	0.0%
1960	403.1	48.0	158.0	na	0.5	149.4	0.1	na	0.0	na	na	na	609.0	149.6	0.2	759.2	80.2%	0.1%	19.7%	0.0%
1961	421.9	48.5	169.3	na	1.7	155.5	0.1	na	0.1	na	na	na	639.7	155.8	0.2	797.1	80.2%	0.2%	19.5%	0.0%
1962	450.2	48.9	184.3	na	2.3	172.0	0.1	na	0.1	na	na	na	683.4	172.2	0.2	857.9	79.7%	0.3%	20.1%	0.0%
1963	493.9	52.0	201.6	na	3.2	169.0	0.1	na	0.2	na	na	na	747.5	169.3	0.3	920.0	81.3%	0.3%	18.4%	0.0%
1964	526.2	57.0	220.0	na	3.3	180.3	0.1	na	0.2	na	na	na	803.2	180.7	0.4	987.2	81.4%	0.3%	18.3%	0.0%
1965	570.9	64.8	221.6	na	3.7	197.0	0.3	na	0.2	na	na	na	857.3	197.4	0.5	1,058.4	81.0%	0.3%	18.7%	0.0%
1966	613.5	78.9	251.2	na	5.5	197.9	0.3	na	0.2	na	na	na	943.6	198.5	0.5	1,147.5	82.2%	0.5%	17.3%	0.0%
1967	630.5	89.3	264.8	na	7.7	224.9	0.3	na	0.3	na	na	na	984.6	225.6	0.6	1,217.8	80.8%	0.6%	18.5%	0.1%
1968	684.9	104.3	304.4	na	12.5	225.9	0.4	na	0.4	na	na	na	1,093.6	226.7	0.8	1,332.8	82.1%	0.9%	17.0%	0.1%
1969	706.0	137.8	333.3	na	13.9	253.5	0.3	na	0.6	na	na	na	1,177.1	254.4	0.9	1,445.5	81.4%	1.0%	17.6%	0.1%
1970	704.4	184.2	372.9	na	21.8	251.0	0.1	0.2	0.5	na	na	na	1,261.5	251.8	0.9	1,535.1	82.2%	1.4%	16.4%	0.1%
1971	713.1	220.2	374.0	na	38.1	269.5	0.1	0.2	0.5	na	na	na	1,307.4	270.4	0.9	1,615.9	80.9%	2.4%	16.7%	0.1%
1972	771.1	274.3	375.7	na	54.1	275.9	0.1	0.2	1.5	na	na	na	1,421.2	277.7	1.8	1,753.0	81.1%	3.1%	15.8%	0.1%
1973	847.7	314.3	340.9	na	83.5	275.4	0.1	0.2	2.0	na	na	na	1,502.9	277.7	2.3	1,864.1	80.6%	4.5%	14.9%	0.1%
1974	828.4	300.9	320.1	na	114.0	304.2	0.1	0.2	2.5	na	na	na	1,449.4	306.9	2.7	1,870.3	77.5%	6.1%	16.4%	0.1%
1975	852.8	289.1	299.8	na	172.5	303.2	0.0	0.2	3.2	na	na	na	1,441.7	306.6	3.4	1,920.8	75.1%	9.0%	16.0%	0.2%
1976	944.4	320.0	294.6	na	191.1	286.9	0.1	0.2	3.6	na	na	na	1,559.0	290.8	3.9	2,040.9	76.4%	9.4%	14.2%	0.2%
1977	985.2	358.2	305.5	na	250.9	223.6	0.3	0.2	3.6	na	na	na	1,648.9	227.7	4.1	2,127.4	77.5%	11.8%	10.7%	0.2%
1978	975.7	365.1	305.4	na	276.4	283.5	0.2	0.1	3.0	na	na	na	1,646.2	286.8	3.3	2,209.4	74.5%	12.5%	13.0%	0.2%
1979	1,075.0	303.5	329.5	na	255.2	283.1	0.3	0.2	3.9	na	na	na	1,708.0	287.5	4.4	2,250.7	75.9%	11.3%	12.8%	0.2%
1980	1,161.6	246.0	346.2	na	251.1	279.2	0.3	0.2	5.1	na	na	na	1,753.8	284.7	5.5	2,289.6	76.6%	11.0%	12.4%	0.2%
1981	1,203.2	206.4	345.8	na	272.7	263.8	0.2	0.1	5.7	na	na	na	1,755.4	269.9	6.1	2,298.0	76.4%	11.9%	11.7%	0.3%
1982	1,192.0	146.8	305.3	na	282.8	312.4	0.2	0.1	4.8	na	na	na	1,644.1	317.5	5.2	2,244.4	73.3%	12.6%	14.1%	0.2%
1983	1,259.4	144.5	274.1	na	293.7	335.3	0.2	0.2	6.1	na	0.0	na	1,678.0	341.7	6.5	2,313.4	72.5%	12.7%	14.8%	0.3%
1984	1,341.7	119.8	297.4	na	327.6	324.3	0.5	0.4	7.7	0.0	0.0	na	1,758.9	332.9	8.6	2,419.5	72.7%	13.5%	13.8%	0.4%
1985	1,402.1	100.2	291.9	na	383.7	284.3	0.7	0.6	9.3	0.0	0.0	na	1,794.3	295.0	10.7	2,473.0	72.6%	15.5%	11.9%	0.4%
1986	1,385.8	136.6	248.5	na	414.0	294.0	0.5	0.7	10.3	0.0	0.0	na	1,770.9	305.5	11.5	2,490.5	71.1%	16.6%	12.3%	0.5%
1987	1,463.8	118.5	272.6	na	455.3	252.9	0.8	0.7	10.8	0.0	0.0	na	1,854.9	265.1	12.3	2,575.3	72.0%	17.7%	10.3%	0.5%
1988	1,540.7	148.9	252.8	na	527.0	226.1	0.9	0.7	10.3	0.0	0.0	na	1,942.4	238.1	12.0	2,707.4	71.7%	19.5%	8.8%	0.4%
1989 ^a	1,583.8	164.5	352.6	7.9	529.4	272.0	27.2	9.2	14.6	0.3	2.1	3.8	2,108.8	325.3	53.4	2,967.3	71.1%	17.8%	11.0%	1.8%
1990	1,594.0	126.6	372.8	10.4	576.9	289.4	32.5	13.3	15.4	0.4	2.8	3.6	2,103.8	357.2	64.4	3,038.0	69.2%	19.0%	11.8%	2.1%
1991	1,590.6	119.8	381.6	11.3	612.6	284.5	33.7	15.7	16.0	0.5	3.0	4.7	2,103.3	357.8	68.8	3,073.8	68.4%	19.9%	11.6%	2.2%
1992	1,621.2	100.2	404.1	13.3	618.8	248.9	36.5	17.8	16.1	0.4	2.9	3.7	2,138.7	326.9	73.8	3,083.9	69.4%	20.1%	10.6%	2.4%
1993	1,690.1	112.8	414.9	13.0	610.3	276.5	37.6	18.3	16.8	0.5	3.0	3.5	2,230.7	356.7	76.2	3,197.2	69.8%	19.1%	11.2%	2.4%
1994	1,690.7	105.9	460.2	13.3	640.4	256.7	37.9	19.1	15.5	0.5	3.4	3.7	2,270.1	336.7	76.5	3,247.5	69.9%	19.7%	10.4%	2.4%
1995	1,709.4	74.6	496.1	13.9	673.4	308.1	36.5	20.4	13.4	0.5	3.2	4.1	2,293.9	384.8	74.0	3,353.5	68.4%	20.1%	11.5%	2.2%
1996	1,795.2	81.4	455.1	14.4	674.7	344.1	36.8	20.9	14.3	0.5	3.2	3.6	2,346.0	423.0	75.8	3,444.2	68.1%	19.6%	12.3%	2.2%
1997	1,845.0	92.6	479.4	13.4	628.6	352.4	36.9	21.7	14.7	0.5	3.3	3.6	2,430.3	433.6	77.2	3,492.2	69.6%	18.0%	12.4%	2.2%
1998	1,873.5	128.8	531.3	13.5	673.7	318.9	36.3	22.4	14.8	0.5	3.0	3.6	2,547.1	400.4	77.1	3,620.3	70.4%	18.6%	11.1%	2.1%
1999	1,881.1	118.1	556.4	14.1	728.3	313.4	37.0	22.6	14.8	0.5	4.5	4.0	2,569.7	399.0	79.4	3,694.8	69.5%	19.7%	10.8%	2.1%
2000	1,966.3	111.2	601.0	14.0	753.9	270.0	37.6	23.1	14.1	0.5	5.6	4.8	2,692.5	356.5	80.9	3,802.1	70.8%	19.8%	9.4%	2.1%
2001	1,904.0	124.9	639.1	9.0	768.8	208.1	35.2	21.8	13.7	0.5	6.7	4.7	2,677.0	294.9	78.0	3,736.6	71.6%	20.6%	7.9%	2.1%
2002	1,933.1	94.6	691.0	11.5	780.1	255.6	38.7	22.9	14.5	0.6	10.4	5.7	2,730.2	351.3	86.9	3,858.5	70.8%	20.2%	9.1%	2.3%
2003	1,973.7	119.4	649.9	15.6	763.7	267.3	37.5	23.7	14.4	0.5	11.2	6.1	2,758.6	363.2	87.4	3,883.2	71.0%	19.7%	9.4%	2.3%
2004	1,978.6	120.6	709.0	16.8	788.5	259.9	37.6	23.3	14.8	0.6	14.1	6.7	2,825.0	358.8	90.4	3,970.6</				

Figure 1.4a - Net Generation of Electricity in the U.S. by Energy Source, 1949-2005

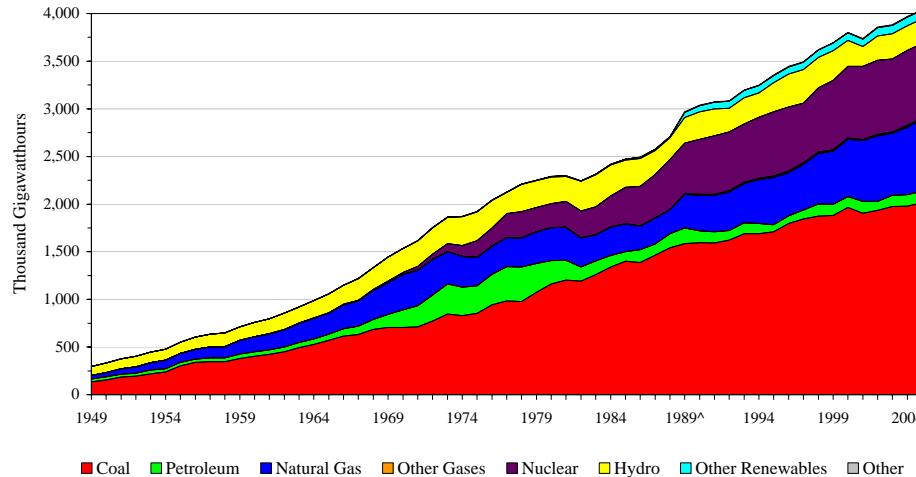


Figure 1.4b - Net Generation of Electricity in the U.S. by Energy Source, 1949-2005

